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Attorney Docket No.: 17810-509 NATL

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Nobuko Uchida

SERIAL NUMBER: 09/890,539 EXAMINER : Robert Clinton Hayes

FILING DATE: December 13, 2001 ART UNIT : 1647

FOR: USE OF COLLAGENASE IN THE PREPARATION OF NEURAL STEM CELL CULTURES

MAIL STOP AF
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the documents listed on the attached modified Form PTO-1449.

This Information Disclosure Statement is being filed after the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311 and before payment of an Issue Fee. The fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) is enclosed.

It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and sign the enclosed form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

By submitting this Information Disclosure Statement, the Applicants make no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

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07/12/2005 MAHMED1 00000021 09890539

01 FC:1806

180.00 OP

APPLICANT: **Nobuko Uchida**
U.S.S.N.: **09/890,539**

Notwithstanding any statements by the Applicants, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested.

Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 17810-509 NATL.

Respectfully submitted,



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PTO/SB (12-97)

Approved for use through 9/30/00. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)					Application Number	09/890,539		
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate	
A1		4,608,341	08/26/86	Ambesi-Impiombato	435	240		
A2		5,061,620	10/29/91	Tsukamoto et al.	435	7.21		
A3		5,270,191	12/14/93	McKay et al.	435	172.3		
A4		5,342,777	8/30/94	Cole et al.	435	240.31		
A5		5,411,883	05/02/95	Boss et al.	435	240.2		
A6		5,750,376	05/12/98	Weiss et al.	324	69.52		
A7		5,753,506	05/19/98	Johe	435	377		
U.S. PATENT DOCUMENTS								
Exam Initials	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate	
B1	WO	94/09119		NEUROSPHERES LTD.	04/28/94			
B2	WO	96/04368		DALHOUSIE UNIVERSITY	02/15/96			
B3	WO	96/15226		NEUROSPHERES LTD.	05/23/96			
B4	WO	97/41209		LEUVEN RESEARCH & DEV. VZW	11/06/97			
FOREIGN PATENT DOCUMENTS								
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)		Date of Publication	Translation Yes No		
B1	WO	94/09119	NEUROSPHERES LTD.		04/28/94			
B2	WO	96/04368	DALHOUSIE UNIVERSITY		02/15/96			
B3	WO	96/15226	NEUROSPHERES LTD.		05/23/96			
B4	WO	97/41209	LEUVEN RESEARCH & DEV. VZW		11/06/97			
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS								
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.						
C1		Kalyani et al. <i>Dev. Biol.</i> , 186:202-223 (1997)						
C2		International Search Report for PCT/US00/05402, mailed August 7, 2000.						

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.